

# INTERIOR DESIGN I-II

Levels: 9-12

Units of Credit: .5 to 1.0 \*\*

CIP Code: 20.0110

Prerequisite: Interior Design I for Interior Design II

## COURSE DESCRIPTION

**\*\* Interior Design I-II** may be taught as a 1.0 credit course or divided into two .5 credit courses.

**INTERIOR DESIGN I**—(.5-1.0 credit) This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are housing choices, area planning and careers. FCCLA may be an integral part of this course. (Standards 1-4 will be covered on Skill Certification Test # 330.)

**INTERIOR DESIGN II**—(.5-1.0 credit) This course provides students the opportunity to develop skills in applying the elements and principles of design to interiors. Projects are integrated throughout the course to provide applications as the students study: architecture, furniture styles and constructions, surface treatments and backgrounds, design and function of space and lighting. FCCLA may be an integral part of this course. (Standards 5-9 will be covered on Skill Certification Test # 333.)

## CORE STANDARDS, OBJECTIVES, AND INDICATORS

### STANDARD

**20.0110-01** Students will explain how basic needs of life can be met by housing and factors affecting housing decisions.

### OBJECTIVES

**20.0110-0101** Explain how the basic needs of life can be met by housing conditions.  
(Maslow's Hierarchy)  
National Standards 2.1.2, 11.6.1

**20.0110-0102** List the stages of the family life cycle and their effects on housing needs including physical disabilities.  
National Standard 11.6.1

- Discuss types of multifamily housing (duplex, apartment, condo)
- Discuss single-family housing (pre-fabricated, track, custom, manufactured/mobile)

**20.0110-0103** Explain how individual and family needs influence housing decisions and options.  
National Standards 2.1.2, 2.1.5, 2.2.1, 2.2.3, 11.6.1

- Discuss the importance of location, climate, and cost (maximum 25-35% of income)
- Explore special environmental issues (climate, populations, culture, public services, etc.)
- Evaluate the importance of mobility (ability to relocate), frequency and ease of moving
- Discuss the pros and cons of renting versus buying
- Define mortgage, equity, escrow, interest, principal

**STANDARD**

**20.0110-02** Students will practice various methods of interior design presentation.

**OBJECTIVES**

20.0110-0201 Demonstrate professional lettering and labeling.  
National Standard 11.7.3

20.0110-0202 Use professional mounting techniques.  
National Standard 11.7.3

**STANDARD**

**20.0110-03** Students will identify and explain the basic elements, tools, and principles of design.

**OBJECTIVES**

20.0110-0301 Students will identify, explain and use the basic elements of design.  
National Standard 11.2.1

- Identify basic structural and decorative designs
- Identify and create examples of line (horizontal/vertical/curved/diagonal)
- Identify and explain the difference between shape and form
- Identify and explain the use of space (negative and positive)
- Identify and explain the effect of texture as used in interior design (visual/tactile, effects of light, informal/formal)
- Identify and explain the use of color
- Create a color wheel
- Create or show the use of tints, tones and shades
- Identify and explain the terms: hue, primary, secondary, tertiary/intermediate, neutral, warm, cool, tints, shades, intensity, **value** and tones
- Identify and create/present visual examples of major color schemes: monochromatic, analogous/adjacent, neutral/achromatic, accented neutral, complementary, split-complementary and triad
- Identify pattern illustrations and explain the use of pattern (naturalistic/realistic, conventional/stylized, geometric, abstract)
- Present examples of the elements of design and explain each concept in writing

20.0110-0302 Students will identify, explain and use the basic principles of design.  
National Standard 11.2.1

- Explain how scale/proportion relate to design (effective ratios: 2:3, 3:5, 5:8, 4:7)
- Explain how balance is used (symmetrical/formal, asymmetrical/informal, actual versus visual weight, and radial)
- Identify examples of **rhythm**: repetition, gradation, radiation, opposition, and transition
- Explain how emphasis (focal point) is used
- Explain how harmony is achieved when unity and variety are effectively combined
- Present examples of the principles of design and explain each concept in writing

20.0110-0303 Identify the elements and principles that appear in an illustration of a room and explain each concept in writing.  
National Standard 11.2.1

**STANDARD**  
**20.0110-04**

Students will explain the design and function of interior space.

**OBJECTIVES**

20.0110-0401 Compare the characteristics of floor plans and zoning to family activities/needs.  
 National Standards 11.4.1, 11.4.4

- Identify common floor plan symbols (doors, windows, sinks, upper and lower cabinets, range, refrigerator, tub, shower, toilet, fireplace, stairs)
- Label a floor plan with the three appropriate basic living zones
- Discuss zoning and its impact on housing (living/social, sleeping/private, service/work)
- Discuss and identify traffic and circulation patterns
- Label a floor plan indicating a minimum of ten common floor plan symbols
- Evaluate a floor plan and indicate the pros and cons of the plan
- Discuss how storage should be incorporated throughout the home
- Evaluate floor plans for effectiveness

20.0110-0402 Apply the elements and principles of design to furniture arrangement.  
 National Standard 11.4.4

- **Discuss basic guidelines for furniture arrangement.**

**STANDARD**  
**20.0110-05**

Students will discuss architectural history and identify selected architectural styles and features.

**OBJECTIVES**

20.0110-0501 Explain basic terms and identify illustrations of architectural features and styles.  
 National Standard 11.5.3

- Identify illustrations of roofs (gable, gambrel, hip, flat, Mansard, salt box/shed)
- Explain the function of a window and identify illustrations of various windows (casement, double-hung/sash, dormer, picture, bay, bow, Palladian, skylight, fan/half-round, side light, sliding)
- Identify illustrations and examples of doors (single, French, sliding, folding, bifold, pocket)
- Explain basic terms and identify illustrations of architectural features (acanthus, arch, dentil, finial, gingerbread, half-timbering, pediments, pilaster, portico, quoins)
- Identify illustrations/examples of columns (Corinthian, Doric, and Ionic)
- Complete a project related to architectural styles and features

20.0110-0502 Explain the contributions of early architects.  
 National Standard 11.5.3

- Discuss the contributions of Thomas Jefferson (designed Monticello, associated with federal style)
- Discuss the contributions of Frank Lloyd Wright (horizontal lines, low-pitched roofs with overhanging eaves, waterfall and prairie house)

20.0110-0503 Identify the American adaptations of housing styles (log cabin, Tudor, salt box, prairie, French, federal, Cape Cod, craftsman/bungalow, Spanish, Greek revival, Georgian, Victorian, contemporary)  
 National Standard 11.5.3

**STANDARD****20.0110-06**

Students will discuss distinguishing features of selected furniture styles and characteristics of quality furniture.

**OBJECTIVES**

- 20.0110-0601 Identify selected furniture styles and common characteristics of each (Jacobean, William and Mary, Queen Anne, Chippendale, Sheraton, Hepplewhite, Duncan Phyfe, Shaker, Victorian, modern/contemporary)  
National Standard 11.5.1
- 20.0110-0602 Identify illustrations of furniture parts and features.  
National Standard 11.5.1
- Identify examples of legs (cabriole, splayed, and tapered)
  - Identify examples of feet (pad, bun, claw-and-ball, and bracket)
  - Identify chair backs (lyre, ladder (slat), fiddle (splat), and shield)
  - Identify decorative features (finial, motif, pediment, reeding, turning)
- 20.0110-0603 Complete a project related to furniture styles and features.
- 20.0110-0604 Identify illustrations of furniture types.  
National Standard 11.5.1
- Identify examples of chairs (Windsor, sing, side, arm, and ladderback)
  - Identify examples of tables (gate-leg and pedestal)
  - Identify upholstered pieces (camelback, Lawson, tuxedo sofas and ottoman)
  - Identify case goods (buffet, high boy, hutch, secretary, wardrobe/armoire)
- 20.0110-0605 Discuss construction techniques used in upholstered furniture.  
National Standard 11.3.1
- Explain how fabric should fit the style, wood, and character of the room
  - Discuss the difference between flat and coil springs
  - Identify construction considerations used in upholstered furniture (seams, welts, cording should be smooth, patterns should match, zippers should be sewn straight, sufficient padding, tightly woven fabric)
- 20.0110-0606 Discuss the construction techniques used in case goods.  
National Standard 11.3.1
- Identify types of joints (butt, corner block, dove-tail, dowel, mortis and tenon, tongue and groove)
  - Discuss the characteristics and uses of hardwoods (birch, cherry, mahogany, maple, oak, walnut)
  - Discuss the characteristics and uses of soft woods (cedar, pine, redwood, spruce, cypress, fir)
  - Discuss and identify the various finishes used on case goods (stain, varnish)
  - Discuss the use of particle board and plywood in case goods
  - Discuss the use of veneers in furniture

**STANDARD**

**20.0110-07** Students will evaluate the design and function of interior space.

**OBJECTIVES**

- 20.0110-0701 Identify the basic components of and symbols used in a set of blueprints.  
National Standard 11.4.1
- Identify elevation drawings, floor plans, foundation/basement plan, electrical systems, plot plan, scale, detail drawing, and electrical plans
  - Review the basic floor plan symbols
- 20.0110-0702 Arrange a room to scale in a practical and aesthetic manner using furniture templates or other techniques.  
National Standard 11.4.3
- Incorporate design elements and principles to create an interesting and functional room arrangement
  - Apply the principles of grouping to arrange furniture in a room
- 20.0110-0703 Evaluate basic kitchen designs.  
National Standard 11.4.4
- Identify the three main work centers in a kitchen
  - Evaluate various types of arrangements of the work triangle (sink, refrigerator, range)
  - Identify elements of a well-designed kitchen (adequate storage, lighting, counter space, work triangle)
  - Examine common materials used in kitchens (floors, cabinets, counter-tops, sinks)
  - Discuss kitchen needs for individuals with special needs (physically handicapped, elderly)
  - Identify basic kitchen shapes (corridor, island, L-shaped, one-wall, peninsula and U-shaped)
- 20.0110-0704 Draw, draft or trace a home floor plan.  
National Standard 11.4.3
- Use a minimum of a living room, kitchen with an eating area, bedroom and bathroom
  - Use good line quality in ¼ inch scale

**STANDARD**

**20.0110-08** Students will identify and explain various interior surface treatments, backgrounds and lighting.

**OBJECTIVES**

- 20.0110-0801 Identify various textiles and factors that lead to the selection of specific textiles.  
National Standards 11.3.1, 16.2.2, 16.4.2
- Discuss and identify natural textiles (cotton, linen, silk, wool)
  - Discuss and identify synthetic textiles (acetate, acrylic, nylon, olefin, polyester, rayon)
  - Discuss and identify basic weaves and finishes (plain, twill, satin, Jacquard, purpose of finishes)
  - Discuss the care of textiles used in furniture
  - Discuss and identify basic dye methods and how they might affect durability (yarn dyed, printing, piece dyed, solution dyed)

- 20.0110-0802 Identify floor treatments and factors that lead to their selection.  
National Standard 11.3.1
- Discuss the characteristics of hard floors (i.e. wood, tile)
  - Discuss the characteristics of resilient floors (i.e. vinyl)
  - Discuss the characteristics of soft floors (i.e. carpet, rugs)
- 20.0110-0803 Identify ceiling and wall treatments and factors that lead to their selection.  
National Standard 11.3.1
- Discuss the types and finishes of paint
  - Discuss the types of wallpaper and appropriate terminology (i.e. prepasted, strippable, scrubbable, single/double roll, pattern repeats, run number border)
  - Discuss the various types of molding (i.e. chair rail, crown, base)
- 20.0110-0804 Identify window treatments and factors that lead to their selection.  
National Standard 11.3.1
- Discuss types of window treatments (i.e. curtains, drapes, shades/blinds/shutters, cornices, balances, swags)
  - Explain the function and purpose of window treatments
  - Discuss window treatment considerations (i.e. direction of window, light control shape of window, purpose of window, style of room, cost, maintenance, energy efficiency)
- 20.0110-0805 Discuss natural light and artificial light.  
National Standard 11.3.1
- Discuss how natural light is affected by the number and size of windows, type of window treatments and the orientation to sunlight
  - Discuss types of artificial light (i.e. incandescent, fluorescent, halogen)
  - Discuss the uses of artificial light (i.e. general, task, accent/decorative)
  - Discuss lighting fixtures (i.e. ceiling, cove, portable, recessed, strip, track, wall)

**STANDARD**

**20.0110-09** Students will communicate design ideas through visual presentations.

**OBJECTIVES**

- 20.0110-0901 Design a presentation board for one or more rooms.  
National Standard 11.7.3
- Select samples that illustrate the textiles used (i.e. window, furniture, floor, etc.)
  - Create complete, neat and accurate keys/legends
  - Label with neat, evenly spaced lettering
  - Arrange an effective overall design of the visuals and samples
  - Neatly mount selected visuals and samples
- 20.0110-0902 Prepare and present an accurate oral or written description of the presentation board.  
National Standard 11.7.3
- Describe the focal point and the way it was emphasized
  - Describe the balance and rhythm, and the way they were created
  - Describe the color scheme used and the feeling/mood created
  - Describe the style used and how harmony was developed